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TITLE: TREATING AGENT FOR HIGH VISCOSITY OIL

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ABSTRACT:

PROBLEM TO BE SOLVED: To obtain the subject low-toxic treating agent which contains a specific polyoxyethylenesorbitol fatty acid ester, a nonionic surfactant and a solvent, can effectively disperse the slop oil even when it is highly viscous and is readily producible in a large scale and suitable for dispersion of the oil slopped or spilled out on the sea.

SOLUTION: This agent comprises (A) a polyoxyethylenesorbitol fatty acid ester (e.g. 3-60 molar adduct of ethylene oxide) which shows HLB (hydrophilic-lipophilic balance) of 10-13, (B) a nonionic surfactant (e.g. polyoxyethylenesorbitol fatty acid ester and polyoxyethylenesorbitan fatty acid ester) which shows HLB of 2-6 and (C) a hydrocarbon solvent (e.g. paraffinic solvent, naphthenic solvent and a spindle oil) and for example, contains 20-60wt.%, of the components A and B in total and 40-80wt.% of the component C. The weight ratio of the component A to the component B is 60:40 to 90:10.

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